Docket No.: NANJ-0009-US1 Application No. 10/659,326 Page 2 of 10

## **Amendments to the Claims**

This following listing of claims will replace all prior versions of claims in the application:

## **Listing of Claims:**

1. (Currently Amended) A method for <u>causing splitting</u>, <u>loss or deletion of modifying</u> a chromosome in a yeast comprising:

preparing a linear chromosome splitting vector (1) in an order consisting <u>essentially</u> of a target sequence (a), a marker gene sequence and  $(C_4A_2)_n$  sequence (x);

preparing a linear chromosome splitting vector (2) in an order consisting <u>essentially</u> of a target sequence (b), a centromere sequence of a yeast chromosome and  $(C_4A_2)_n$  sequence (y); and

simultaneously introducing the chromosome splitting vectors (1) and (2) into a yeast, and

selecting yeast on the basis of marker gene expression, wherein the chromosome splitting vectors (1) and (2) are obtained directly by a PCR reaction, wherein at least one primer used in each PCR reaction includes the  $(C_4A_2)_n$  sequence, and wherein n is each independently an integer of 6 to 10.

- 2. (Cancelled)
- 3. (Previously Presented) The method according to claim 1, wherein n of both  $(C_4A_2)_n$  sequences (x) and (y) is 6.
- 4-7. (Cancelled)